

## PATENT ABSTRACTS OF JAPAN

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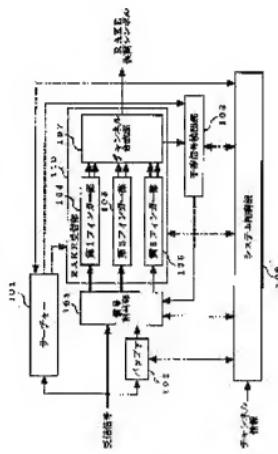
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#### (54) SPREAD SPECTRUM COMMUNICATION UNIT

(57) Abstract:

**PROBLEM TO BE SOLVED:** To conduct variable data rate transmission according to a CDMA system with high quality.

**SOLUTION:** When making RAKE reception, an interference signal detection section 108 generates an interference replica, corresponding to 1st finger section 104 - 3rd finger section 106 from respective reference signals and searcher detection signals and gives the interference replica signal to a signal assignment section 103, which applies interference signal eliminating processing to a delayed received signal read from a buffer 102, and RAKE reception is conducted again. When conducting parallel demodulation through 3 code channels, finger section obtains a reference signal, the interference signal detection section 108 generates an interference replica signal, corresponding to an incoming wave assigned to the finger section from the reference signal and the searcher detection signal, gives the interference replica signal to the signal assignment section 103, which applies interference elimination processing to the delayed received signal read from the buffer 102, and conducts parallel demodulation.



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